

ORIGINAL

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BOOK 5499

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY

OF A PORTION OF

THE SUBDIVISION OF SECTION 14,

AND

THE METES-AND BOUNDS SURVEYS IN SECTION 14,

TOWNSHIP 26 NORTH, RANGE 30 EAST,

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

William F. Olver, Supervisory Cadastral Surveyor

Under Special Instructions dated and approved July 21, 1997, which provided for the surveys included under Group Number 818 and assignment instructions dated July 21, 1997.

Survey Commenced July 21, 1997

Survey Completed July 23, 1997

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GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivision of section 14 and the metes-and-bounds surveys in section 14, Township 26 North, Range 30 East, of the Gila and Salt River Meridian, Arizona.

John C. Evans surveyed the abandoned south boundary of the Navajo Indian Reservation (north boundary of section 14) in 1884-85. James A. Lamport originally surveyed the subdivisional lines south of the abandoned south boundary of the Navajo Indian Reservation in 1900. Kevin R. DeRossett and Richard S. Kaiser dependently resurveyed the abandoned south boundary of the Navajo Indian Reservation and a portion of the subdivisional lines and subdivided section 14 in 1984-85.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 21, 1997, for Group No. 818, Arizona.

Preliminary to the resurvey the lines of the previous surveys were retraced and search was made for certain corners and other calls of the record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkisha SET2A, a total station instrument.

The geographic position of the center W 1/16 sec. cor. of sec. 14 was computed using 1984-85 record bearings and distances from the 1984-85 reported position for the southeast corner of the township, and is as follows:

Latitude: 35°39'20.68" N. Longitude: 109°06'44.26" W. NAD27

The mean magnetic declination is 12° E.

Dependent Resurvey of a Portion of the Subdivision of Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">Restoring the survey executed by Kevin R. DeRossett and Richard S. Kaiser in 1984-85</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="text-align: center;">NW1/4 of Section 14</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Beginning at the center W 1/16 sec. cor. of sec. 14, monumented with a stainless steel post, 2 1/2 ins. diam., set flush with the surface of the ground, with brass cap mkd. W1/16 C—C S14 1985.</p> <p>Add marks T26N R30E 1997 to the brass cap.</p> <p>from which the 1984-85 accessory</p> <p style="padding-left: 40px;">A galvanized steel pole serving as cor. of chainlink and barbed wire fences, extending N. and E., bears N. 46°10' E., 3 1/2 lks. dist.</p> <p>N. 0°03' E., on the N. and S. center line of the NW 1/4 of sec. 14.</p> <p>Over gently rolling land.</p> <p>11.81 S. right-of-way fence of Arizona State Highway 264, barbed wire, 5 strands, parallels highway.</p> <p>13.45 Center of Arizona State Highway 264, asphalt pavement, 45 ft. wide, bears ESE in curve to right.</p> <p>14.255 Point for a witness point at intersection with the northerly right-of-way line of Arizona State Highway 264, monumented with a rebar, 5/8 in. diam., set 3 ins. below the surface of the ground, with yellow plastic cap, 1 1/4 ins. diam., mkd. NM 4962, set by George S. Perce, Arizona R.L.S. 17428 in 1996, as shown on plat entitled SURVEY OF A PORTION OF INDIAN ALLOTMENT TRACT NO. 59; and is accepted as a careful and faithful determination of the point of intersection.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> WP T26N R30E W S 14 W 1997 </div> <p>from which</p>
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Dependent Resurvey of a Portion of the Subdivision of Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>An X chiseled atop the E. concrete abutment of a cattle guard, near N. edge, bears N. $84\frac{1}{4}^{\circ}$ E., 37 $\frac{1}{2}$ lks. dist.</p> <p>A stainless steel post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., set 26 ins. in the ground, for a reference monument, bears S. $43^{\circ}21'$ W., 160.6 ft. dist., mkd. T26N R30E WP S14 RM 160.6 FT TO COR 1997, and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 $\frac{5}{8}$ ins. silver plastic case beneath the stainless steel post. Set a steel fence post nearby to S.</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 $\frac{5}{8}$ ins. silver plastic case beneath the stainless steel post at the witness point and bury the rebar, 16 ins. long, alongside the stainless steel post.</p> <p>Set a steel fence post nearby to W.</p> <p>Cor. is located on W. edge of a graded road, 22 ft. wide, bears N. and S., 12 lks. S. of N. right-of-way fence of Arizona State Highway 264, barbed wire 5 strands, bears ESE and WNW.</p>
19.95	<p>The NW $\frac{1}{16}$ sec. cor. of sec. 14, monumented with a bent and dented stainless steel post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. NW1/16 S14 1985, with a magnet enclosed in a 1 x 1 x 2 $\frac{5}{8}$ ins. orange plastic case beneath the stainless steel post.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T26N R30E NW1/16 S14 1997</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 $\frac{5}{8}$ ins. silver plastic case beneath the stainless steel post.</p> <p>Set a steel fence post nearby to SW.</p> <p>Destroy the 1985 stainless steel post and memorial.</p> <p>Cor. is located 33 lks. W. of a graded road, 22 ft. wide, bears N. and S.</p>

Dependent Resurvey of a Portion of the Subdivision of Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, a rebar, 5/8 in. diam., set 3 ins. below the surface of the ground, bears N. 89 3/4° W., 11 1/2 lks. dist., of unknown origin.</p>
	<p>N. 89°56' W., on the E. and W. center line of the NW 1/4 of sec. 14.</p>
	<p>Over nearly level land.</p>
6.853	<p>Point for Angle Point 1 of a metes-and-bounds survey, monumented with a rebar, 5/8 in. diam., set flush with the surface of the ground, with yellow plastic cap, 1 1/4 ins. diam., mkd. NM 4962, set by George S. Perce, Arizona R.L.S. 17428 in 1996, as shown on plat entitled SURVEY OF A PORTION OF INDIAN ALLOTMENT TRACT NO. 59.</p>
	<p>Set a stainless steel post 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T26N R30E N ——— N S14 AP1 1997</p>
	<p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post and bury the rebar, 16 ins. long, alongside the stainless steel post.</p>
	<p>Set a steel fence post nearby to W.</p>
19.113	<p>Point for a witness point at intersection with the northerly right-of-way line of Arizona State Highway 264, occupied by a rebar, 5/8 in. diam., set 8 ins. below the surface of the ground, with defaced aluminum cap, 1 1/2 ins. diam., mkd. AZ RLS 4, of unknown origin.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">WP T26N R30E S N ——— N 14 1997</p>
	<p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post and bury the rebar, 20 ins. long, alongside the stainless steel post.</p>

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Dependent Resurvey of a Portion of the Subdivision of Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	
19.89	<p>Set a steel fence post nearby to S.</p> <p>Cor. is located in N. right-of-way fence of Arizona State Highway 264, barbed wire, 5 strands, bears ESE and WNW.</p> <p>From this cor. point, an iron pole serving as cor. of iron pipe fence frames, extending N. and E., bears N. 70° W., 1 lk. dist.</p> <p>The N 1/16 sec. cor. of secs. 14 and 15, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. N 1/16 S15 S14 1985.</p> <p>Add marks T26N R30E 1997 to the brass cap.</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 34°25' E., 199.0 ft. dist., with brass cap mkd. T26N R30E N1/16 S14 RM 199.0 FT TO COR 1997, and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post. Set a steel fence post nearby to S.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 34°25' W., 81.0 ft. dist., with brass cap mkd. T26N R30E N1/16 S15 RM 81.0 FT TO COR 1997, and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post. Set a steel fence post nearby to N.</p> <p>Set a steel fence post nearby to SE at the N 1/16 sec. cor.</p> <p>Cor. is located in the right-of-way of Arizona State Highway 264, 59 lks. N. of center of highway, asphalt pavement, 45 ft. wide, bears ESE in curve to right.</p>
	<p>Metes-and-Bounds Survey of a Portion of the Northerly Right-of-way Line of Arizona State Highway 264, in Section 14, T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona</p>
	<p>Note: All stations used in this survey correspond to those indicated on Plan and Profile Sheets 7 and 8 of Arizona Highway Department of Transportation, Highway Division, Project OS-441(1), Apache County, certified in 1976.</p> <p>From the witness point on the N. and S. center line of the NW 1/4 of sec. 14, hereinbefore described.</p>

Metes-and-Bounds Survey of a Portion of the Northerly
Right-of-way Line of Arizona State Highway 264, in Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, the point for Station P.T. 514+73.95, on the northerly right-of-way of Arizona State Highway 264, determined S. 64°02.3' E., 1.00 ft. dist., from Station P.O.S.T. 1991.84' ahead of P.I., bears S. 65°44.0' E., 5.753 chs. dist., not monumented, from which offset monuments for Station P.O.S.T. 1991.84'.</p> <p style="padding-left: 40px;">A rebar, 5/8 in. diam., set flush with the surface of the ground, bears N. 24°35' E., 0.757 ch. dist.</p> <p style="padding-left: 40px;">A galvanized iron rod, 5/8 in. diam., set 3 ins. below the surface of the ground, bears S. 26°16' W., 2.272 chs. dist., with unmarked galvanized cap, 3 ins. diam.</p> <p>Thence along a 0°53'35" curve to the left, having a radius of 6415.55 ft., on the northerly right-of-way, the chord of which bears N. 69°35.0' W., 7.307 chs. dist.</p>
7.309	<p>Point for Angle Point 2 of a metes-and-bounds survey, monumented with a rebar, 5/8 in. diam., set flush with the surface of the ground, with yellow plastic cap, 1 1/4 ins. diam., mkd. NM 4962, set by George S. Perce, Arizona R.L.S. 17428 in 1996, as shown on plat entitled SURVEY OF A PORTION OF INDIAN ALLOTMENT TRACT NO. 59.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <p>T26N R30E</p> <p><u>AP 2</u></p> <p>S14</p> <p>1997</p> </div> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 14°57' E., 179.6 ft. dist., with brass cap mkd. T26N R30E AP2 S14 RM 179.6 FT TO COR 1997, and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post. Set a steel fence post nearby to S.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°58' W., 169.6 ft. dist., with brass cap mkd. T26N R30E AP2 S14 RM 169.6 FT TO COR 1997, and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post. Set a steel fence post nearby to S.</p>

Metes-and-Bounds Survey of a Portion of the Northerly
Right-of-way Line of Arizona State Highway 264, in Section 14,
T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 ins. silver plastic case beneath the stainless steel post at the angle point, and bury the rebar, 16 ins. long, alongside the stainless steel post.</p> <p>Set a steel fence post nearby to W. at the angle point.</p> <p>Cor. is located in the right-of-way of Arizona State Highway 264, 3 lks. S. of N. right-of-way fence, barbed wire, 5 strands, bears ESE in curve to right.</p> <p>Thence continuing along said curve to the left, the chord of which bears N. 75°28.4' W., 12.662 chs. dist.</p> <p>19.980 The witness point at intersection with the E. and W. center line of the NW1/4 of sec. 14, hereinbefore described.</p> <p>From this cor. point, the point for Station P.O.C. 497+45.67 on the northerly right-of-way line of Arizona State Highway 264, determined N. 10°24.6' E., (perpendicular to tangent at this point), 0.758 ch. from the center line station (half of computed width at this station), bears N. 79°23.7' W., 0.639 chs. dist. Not monumented.</p> <p>From the P.O.C. point, an aluminum tablet, 3 ins. diam., set in a concrete collar, 12 ins. diam., set 1 in. below the surface of the ground, bears S. 3°26' W., 2.290 chs. dist., with top mkd. A.D.O.T. HIGHWAY DIV. ELEV 6907.70 1977, witnessed to the W. by an angle iron, mkd. HW. R. OF W. SEC. LINE, 497+45.67, utilized in this survey to determine center line station.</p> <p>From this same P.O.C. point, an aluminum tablet, 3 ins. diam., set in a concrete collar, 12 ins. diam., set 6 ins. below the surface of the ground, bears N. 79°35' W., 0.139 ch. dist., with top mkd. A.D.O.T. HIGHWAY DIV. ELEV 6909.05 1977, witnessed to the E. by an angle iron, mkd. HW. R. OF W. LINE 497+45.67., utilized in this survey to determine center line station.</p> <p>From this same P.O.C. point, an aluminum tablet, 3 ins. diam., set in a concrete collar, 12 ins. diam., set flush with the surface of the ground, bears N. 9°50' W., 0.806 ch. dist., with top mkd. A.D.O.T. HIGHWAY DIV. ELEV 6907.85 1977, witnessed to the N. by an angle iron, mkd. HW. R. OF W. SEC. LINE 497+45.67.</p> <p>From this same P.O.C. point, an aluminum tablet, 3 ins. diam., set flush with surface of concrete abutment on E. side of a cattle guard, bears S. 80°38' E., 0.207 ch. dist., with top mkd. A.D.O.T. HIGHWAY DIV. ELEV 6910.23 STA 497X5019L7.</p>
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Metes-and-Bounds Survey in Section 14,

T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona

CHAINS

From Angle point 1 on the E. and W. center line of the NW1/4 of sec. 14, hereinbefore described.

S. 0°02' W., on line 1-2.

Over nearly level land.

3.157

Angle point 2, on the northerly right-of-way line of Arizona State Highway 264, hereinbefore described.

GENERAL DESCRIPTION

The area surveyed is located along Arizona State Highway 264 in the community of St. Michaels.

The terrain is gently rolling with rocky clay. The land is primarily developed for commercial and residential use with no significant timber. The mean elevation is 6870 feet above sea level.

The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program MAGPOINT utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

CERTIFICATE OF SURVEY

I, William F. Olver, Supervisory Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 21st day of July, 1997, I have dependently resurveyed a portion of the subdivision of section 14 and executed metes-and-bounds surveys in section 14, Township 26 North, Range 30 East, of the Gila and Salt River Meridian, in the state of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

July 29, 1997
(Date)

William F. Olver
(Supervisory Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivision of section 14 and the metes-and-bounds surveys in section 14, Township 26 North, Range 30 East, Gila and Salt River Meridian, Arizona, executed by William F. Olver, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUL 30 1997
(Date)

Kenny D. Rawnskar
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 26 N., R. 30 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~